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TITLE: ADHESIVE

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INVENTOR-INFORMATION:

NAME

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ABSTRACT:

PURPOSE: To obtain an adhesive excellent in water resistance by mixing a specified aqueous polyvinyl alcohol solution with an ethylene/vinyl acetate copolymer emulsion in such amounts as to give an acetoacetyl group content in a specified range.

CONSTITUTION: An aqueous emulsion containing 1-20 pts.wt. (in terms of the solid matter) aqueous polyvinyl alcohol solution (A) and a copolymer (B) containing repeating units of ethylene and repeating units of a vinyl ester in an ethylene unit to vinyl ester unit weight ratio of (5-70)/100 is prepared. An adhesive based on the formed emulsion and containing 0.1-10 pts.wt. acetoacetyl groups per 100 pts.wt. solid matter is produced. To introduce acetoacetyl groups into the adhesive, acetoacetylated polyvinyl alcohol is used as component A or an acetoacetylated monomer such as vinyl acetoacetate is used as one monomer of the comonomers constituting component B.

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Abstract Text - FPAR (1):

PURPOSE: To obtain an adhesive excellent in water resistance by mixing a specified aqueous polyvinyl alcohol solution with an ethylene/vinyl acetate copolymer emulsion in such amounts as to give an acetoacetyl group content in a specified range.